

Name: \_\_\_\_\_

**Worksheet - Factoring Difference of Squares – Version 3**

Directions: Please fully factor the following expressions.

1.  $x^2 - 144$

2.  $y^2 - 81$

3.  $36x^2 - 1$

4.  $49x^6 - 81$

5.  $100 - k^2$

6.  $x^{12} - 64$

7.  $x^2y^{10} - 25$

8.  $16x^2 - 36$

9.  $500x^2 - 5$

10.  $75b^2 - 3y^2$